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SECTION 054000 - COLD-FORMED METAL FRAMING

PART 1 - GENERAL

1.01 <u>RELATED DOCUMENTS</u>: Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section.

1.02 REFERENCE STANDARDS

- A. The following documents of the issue in effect date of material procurement, referred to thereafter by basic designation only form a part of this specification to the extent indicated by reference thereto.
 - 1. American Iron and Steel Institute: Specifications for the Design of Cold-Formed Steel Structural Members.
 - 2. American Society of Testing materials: ASTM A-446 "Specification for Steel Sheet, Zinc Coated (Galvanized) by the Hot-Dip Process, Physical (Structural) Quality." Grade C, Galvanizing: G-60 coating class.
 - American Welding Society: AWS D1.0 "Code for Welding in Building Construction" and ANSIZ49.1 "Safety in Welding and Cutting".
- 1.03 <u>DESCRIPTION</u>: Furnish, fabricate, deliver and erect all cold formed metal framing as shown on the drawings, or herein specified.
 - A. <u>Wind design</u> shall be per ASCE 7-16. See drawings for wind design criteria.
 - B. All bridging and bracing, including erection bracing, required for the finished product shall be designed and furnished. Bracing required for horizontal wind loads shall be designed for loads indicated on the plans and specifications, and as required by applicable codes
 - D. All framing connections shall be designed and furnished. Connections shall be designed for all loading conditions; including uplift and reactions from horizontal wind load transfer.

1.04 SUMMARY

- A. Types of cold-formed metal framing units include SJ-shaped load-bearing steel studs.
- B. <u>Related Work Specified Elsewhere</u>: Interior steel studs for gypsum drywall construction are specified in Section 09250.

1.05 <u>SUBMITTALS</u>:

- A. <u>General</u>: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
- B. <u>Product data</u> and installation instructions for each item of cold-formed metal framing and accessories.
- C. <u>Shop Drawings</u>: Submit shop drawings showing shapes and dimensions of members to be used, including pitch, span, chamber configuration, and spacing for each type of configuration. Show all bearing and anchorage details. Specify and detail all supplemental framing, strapping,

SECTION 054000 - COLD-FORMED METAL FRAMING (continued):

complete bracing, bracing clips, bridging and other required for proper installation and to satisfy all designed requirements. Shop drawings and calculations must prepared by, and sealed, sealed and dated by, an engineer registered in the project state. Shop drawings bearing the seal, signature and date of the engineer registered in the project state responsible for their preparation shall be submitted for approval.

1.06 **QUALITY ASSURANCE**:

- A. <u>Component Design</u>: Calculate structural properties of studs and joists in accordance with American Iron and Steel Institute (AISI) "Specification for Design of Cold-Formed Steel Structural Members." Calculations shall be signed and sealed by a Specialty Engineer, registered in the project state.
- B. <u>Welding</u>: Use qualified welders and comply with American Welding Society (AWS) D1.3, "Structural Welding Code Sheet Steel."
- C. <u>Fire-Rated Assemblies</u>: Where framing units are components of assemblies indicated for a fire-resistance rating, including those required for compliance with governing regulations, provide units that have been approved by governing authorities that have jurisdiction.

PART 2 - PRODUCTS

2.01 <u>MANUFACTURERS</u>: Subject to compliance with requirements, provide products of one of the following:

Alabama Metal Industries Corp.

Dale Industries, Inc. Dietrich Industries, Inc. Marino \ Ware.

Wheeling Corrugating Co.

Superior Steel Studs, Inc.

USG Industries United States Steel Unimast Incorp.

2.02 <u>DELIVERY AND STORAGE</u>: Protect metal framing units from rusting and damage. Deliver to project site in manufacturer's unopened containers or bundles, fully identified with name, brand, type and grade. Store off ground in a dry ventilated space or protect with suitable waterproof coverings.

2.03 METAL FRAMING

A. <u>System Components</u>: Manufacturers' standard load-bearing steel studs of type, size, shape, and gage as indicated. With each type of metal framing required, provide manufacturer's standard, steel runners (tracks), blocking, lintels, clip angles, shoes, reinforcements, fasteners, and accessories for applications indicated, as needed to provide a complete metal framing system.

B. Materials and Finishes:

- 1. <u>Fabricate metal framing</u> components of commercial quality steel sheet with a minimum yield point of 50,000 psi; ASTM A 446, A 570, or A 611.
- 2. <u>Provide galvanized finish</u> to metal framing components complying with ASTM A 525 for minimum G 60 coating.
- 3. <u>Studs</u>: Manufacturer's standard load-bearing steel studs of size, shape, and gage indicated on drawings. Unless indicated otherwise on the drawings, stud flange width shall be 1.625" with flange return lip.

2.04 FABRICATION

SECTION 054000 - COLD-FORMED METAL FRAMING (continued):

- A. <u>General</u>: Framing components may be prefabricated into assemblies before erection. Fabricate panels or members plumb, square, true to line, and braced against racking with joints welded. Perform lifting of prefabricated units to prevent damage or distortion.
- B. <u>Fastenings</u>: Attach similar components by welding. Attach dissimilar components by welding, bolting, or screw fasteners, as standard with manufacturer.
- C. Wire tying of framing components is not permitted.
- D. <u>All framing components</u> shall be cut neatly to fit against abutting members.
- D. <u>Provide all angles, clips,</u> and other miscellaneous pieces necessary to attach other materials to light gauge framing.
- E. <u>All components</u> shall be set square in line and shall be held firmly in position until properly fastened.
- F. <u>Finished assemblies</u> shall be free from twist, bends, or open joints with all members straight, square, and true to line.
- J. <u>All Cold Formed Steel trusses</u> shall be shop fabricated. Field fabrication will not be allowed.

PART 3 - EXECUTION

- 3.01 <u>INSTALLATION</u>: General: Install metal framing systems in accordance with manufacturer's printed or written instructions and recommendations.
 - A. <u>The Contractor</u> is responsible for checking dimensions and assuring fit of all members before erection begins.
 - B. <u>All work</u> shall be erected plumb and level and to dimensions, spacing, and elevations indicated on drawings.
 - C. <u>Members</u> shall be of size and spacing shown on the approved shop drawings.
 - D. <u>Provide temporary bracing</u> as required.
 - E. <u>Install permanent bracing</u> and related components to withstand live and dead loads, wind uplift, material wind loads, and to comply with other indicated requirements.
 - F. <u>All cold formed steel framing</u> shall be erected by approval methods using equipment of adequate capacity to safely perform the work.
- 3.02 <u>RUNNER TRACKS</u>: Install continuous tracks sized to match studs. Align tracks accurately to layout at base and tops of studs. Secure tracks as shown on drawings, or if not shown, as recommended by stud manufacturer for type of construction involved. Do not exceed 24 inches o.c. spacing for nail or power-driven fasteners or 16 inches o.c. for other types of attachment. Provide fasteners at corners and ends of tracks.
- 3.03 <u>SET STUDS PLUMB</u>, except as needed for diagonal bracing or required for non-plumb walls or warped surfaces and similar requirements.
- 3.04 <u>WHERE STUD SYSTEM</u> abuts structural columns or walls, including masonry walls, anchor ends of

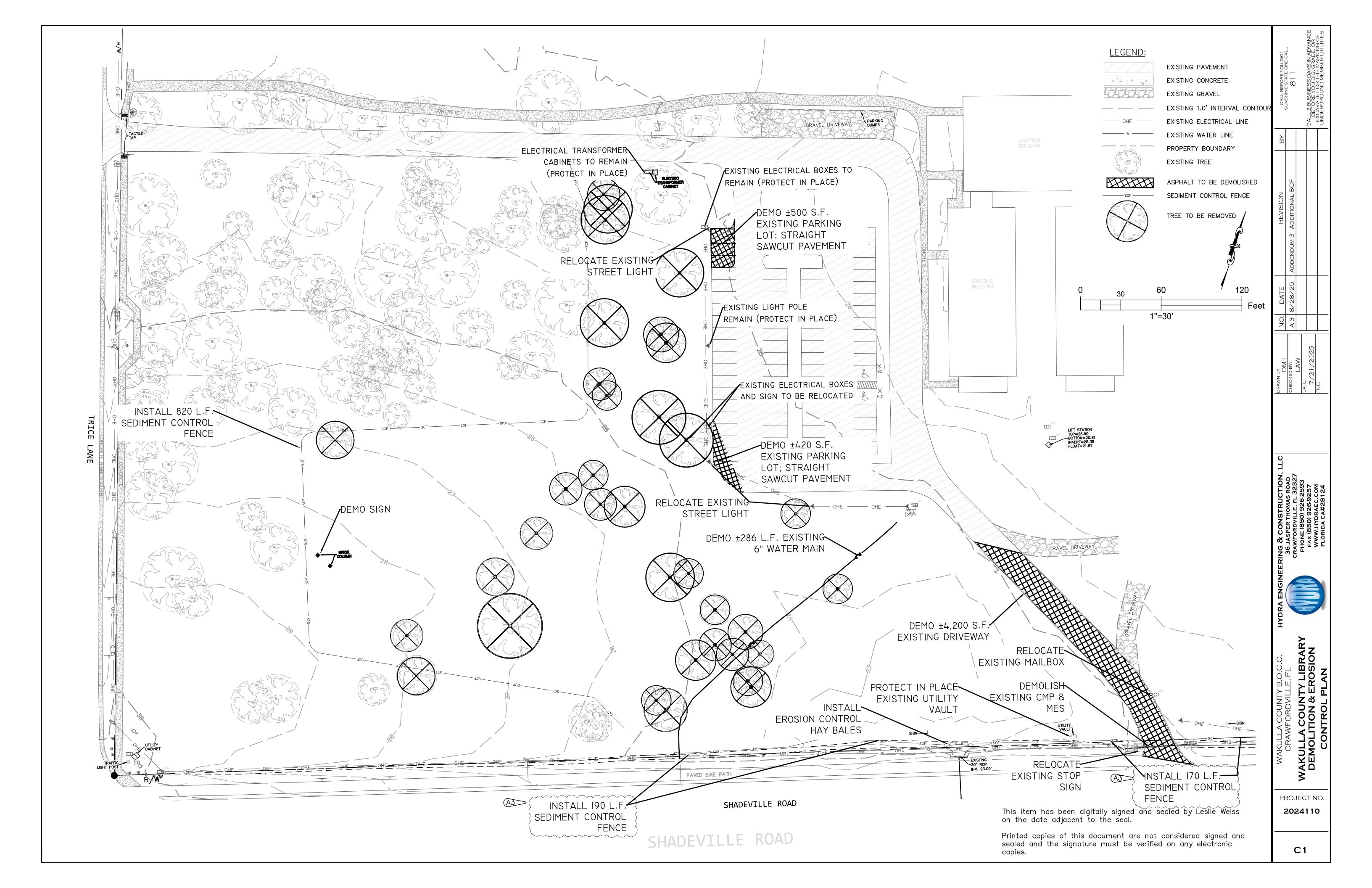
SECTION 054000 - COLD-FORMED METAL FRAMING (continued):

stiffeners to supporting structure.

- 3.05 <u>INSTALL SUPPLEMENTARY FRAMING</u>, blocking, and bracing in metal framing system wherever walls or partitions are indicated to support fixtures, equipment, services, casework, heavy trim and furnishings, and similar work requiring attachment to the wall or partition. Where type of supplementary support is not otherwise indicated, comply with stud manufacturer's recommendations and industry standards in each case, considering weight or loading resulting from item supported.
- 3.06 <u>INSTALLATION OF WALL STUDS</u>: Secure studs to top and bottom runner tracks by either welding or screw fastening at both inside and outside flanges.
- 3.07 <u>FRAME WALL OPENINGS</u> larger than 2 feet square with double stud at each jamb of frame except where more than two are either shown or indicated in manufacturer's instructions or on drawings. Install runner tracks and jack studs above and below wall openings. Anchor tracks to jamb studs with stud shoes or by welding, and space jack studs same as full-height studs of wall. Secure stud system wall opening frame in manner indicated.
 - A. <u>Frame both sides of expansion</u> and control joints, as shown for wall system, with a separate stud and do not bridge the joint with components of stud system.
 - B. <u>Install horizontal</u> stiffeners in study system, spaced (vertical distance) at not more than 4'-0" o.c. Weld at each inter-section.
- 3.08 <u>INSTALLATION OF JOISTS AND TRUSSES</u>: Install level, straight, and plumb, complete with bracing and reinforcing as indicated on drawings. Provide not less than 1-1/2 inch end bearing.
 - A. Reinforce ends with end clips, steel hangers, steel angle clips, steel stud section, or as otherwise recommended by joist manufacturer.
 - B. Where required, reinforce joists at interior supports with single short length of joist section located directly over interior support, snap-on shoe, 30 percent side-piece lapped reinforcement, or other method recommended by joist manufacturer.
 - C. Secure joists to interior support systems to prevent lateral movement of bottom flange.
- 3.09 <u>Field Painting</u>: Touch-up damaged shop-applied protective coatings. Use compatible primer for prime-coated surfaces; use galvanizing repair system for galvanized surfaces.

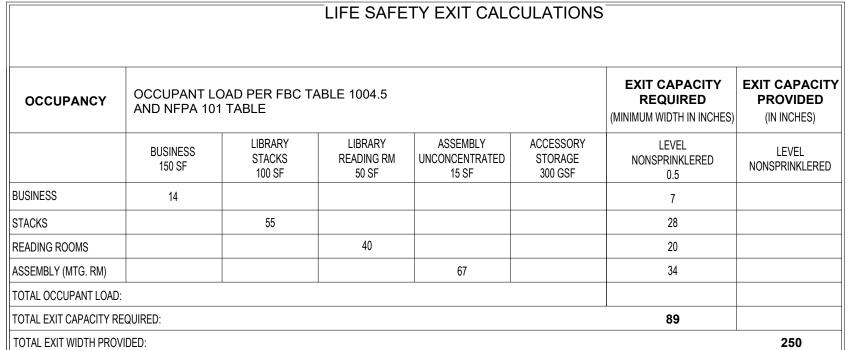
END OF SECTION 054000

Project 054000-4





Scale: 1/8" = 1'-0"



FIRE PROTECTION NOTES

1. SEE COVER SHEET FOR BUILDING CONSTRUCTION INFORMATION

2. ALL FIRE AND/OR SMOKE PARTITIONS SHALL BE EFFECTIVELY AND PERMANENTLY INDENTIFIED WITH STENCILING ABOVE AND DECORATIVE CEILING AND/OR IN CONCEALED SPACES, WITH LETTERS A MINIMUM OF TWO (2) INCHES HIGH ON A CONTRASTING BACKGROUND SPACED A MAXIMUM OF TWELVE (12) FEET ON CENTER WITH A MINIMUM OF ONE PER WALL OR BARRIER. THE HOURLY FIRE RATING SHALL BE INCLUDED ON ALL RATED BARRIER OR WALLS. REQUIRED WORDING (_) HOUR FIRE AND SMOKE PARTITION-PROTECT ALL OPENINGS.

LIFE SAFETY LEGEND

1 HOUR RATED PARTITION 1 HOUR RATED/ SMOKE PARTITION

SMOKE PARTITION



EGRESS WIDTH AND DIRECTION



EXIT LIGHT & DIRECTION



(F.E.C.)





125'-6 1/2" TRAVEL DISTANCE

F VISUAL SIGNALING DEVICE





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Gregory Westmoreland Kelley AR0016706

Submittal Date Drw Chk 00% CONSTRUCTION DOCUMENTS | 07/21/25 | LKD | BY 04/29/25 LKD BY DESIGN DEVELOPMENT

SCHEMATIC DESIGN

Revision

03/25/25 LKD BY

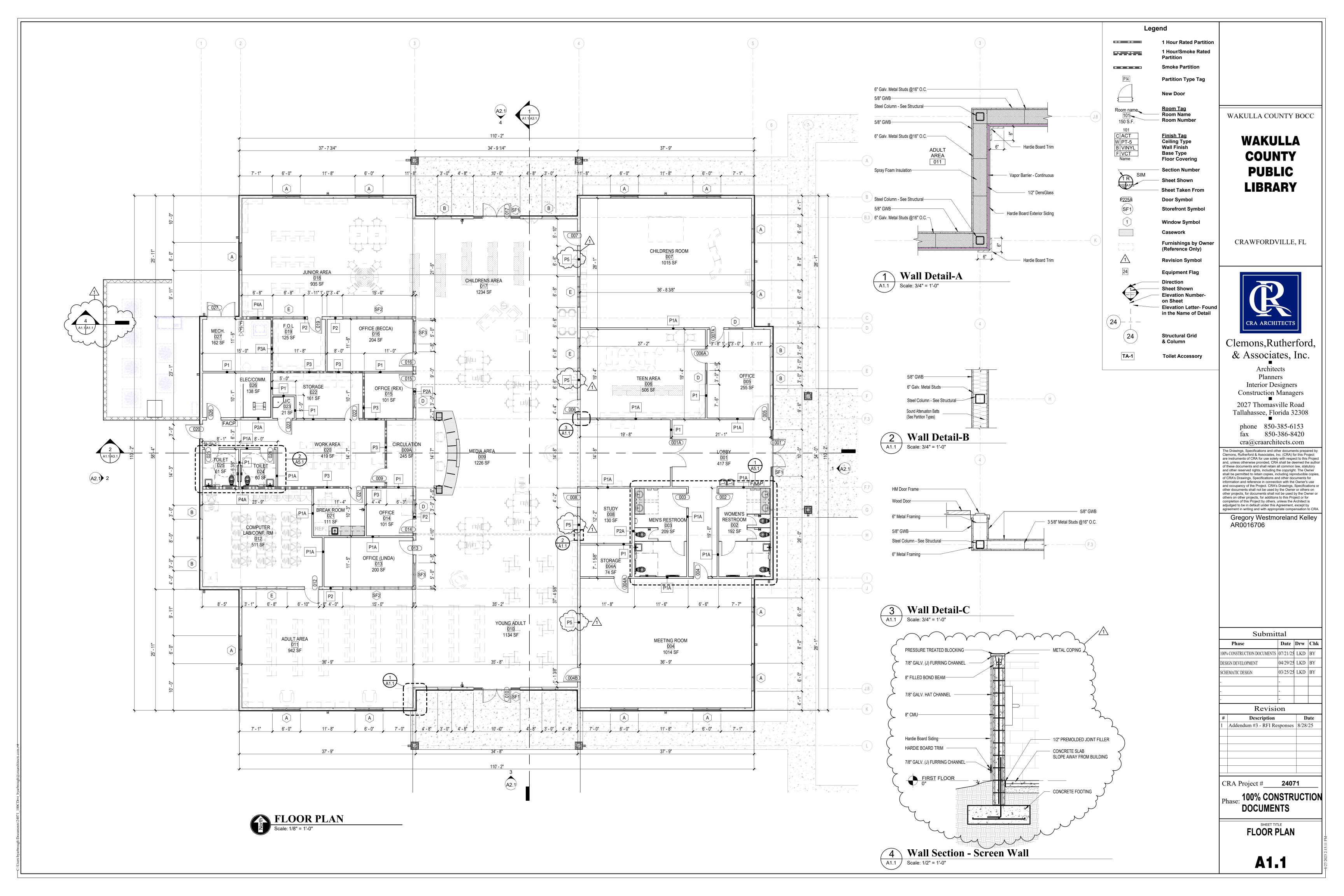
Description Addendum #3 - RFI Responses | 8/28/25

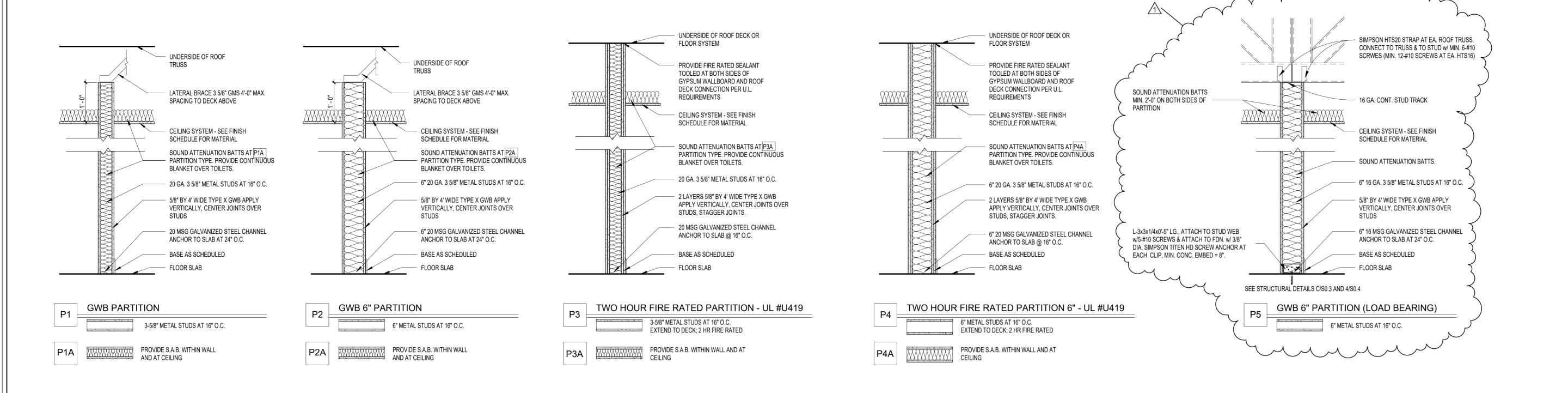
CRA Project # **24071**

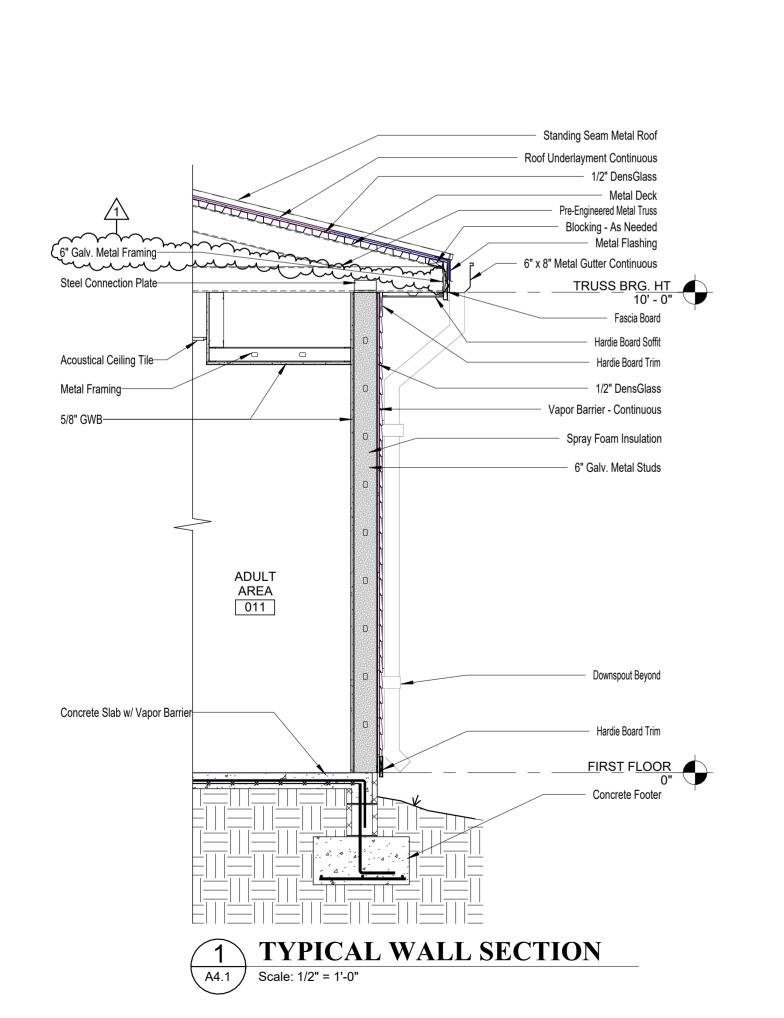
Phase: 100% CONSTRUCTION DOCUMENTS

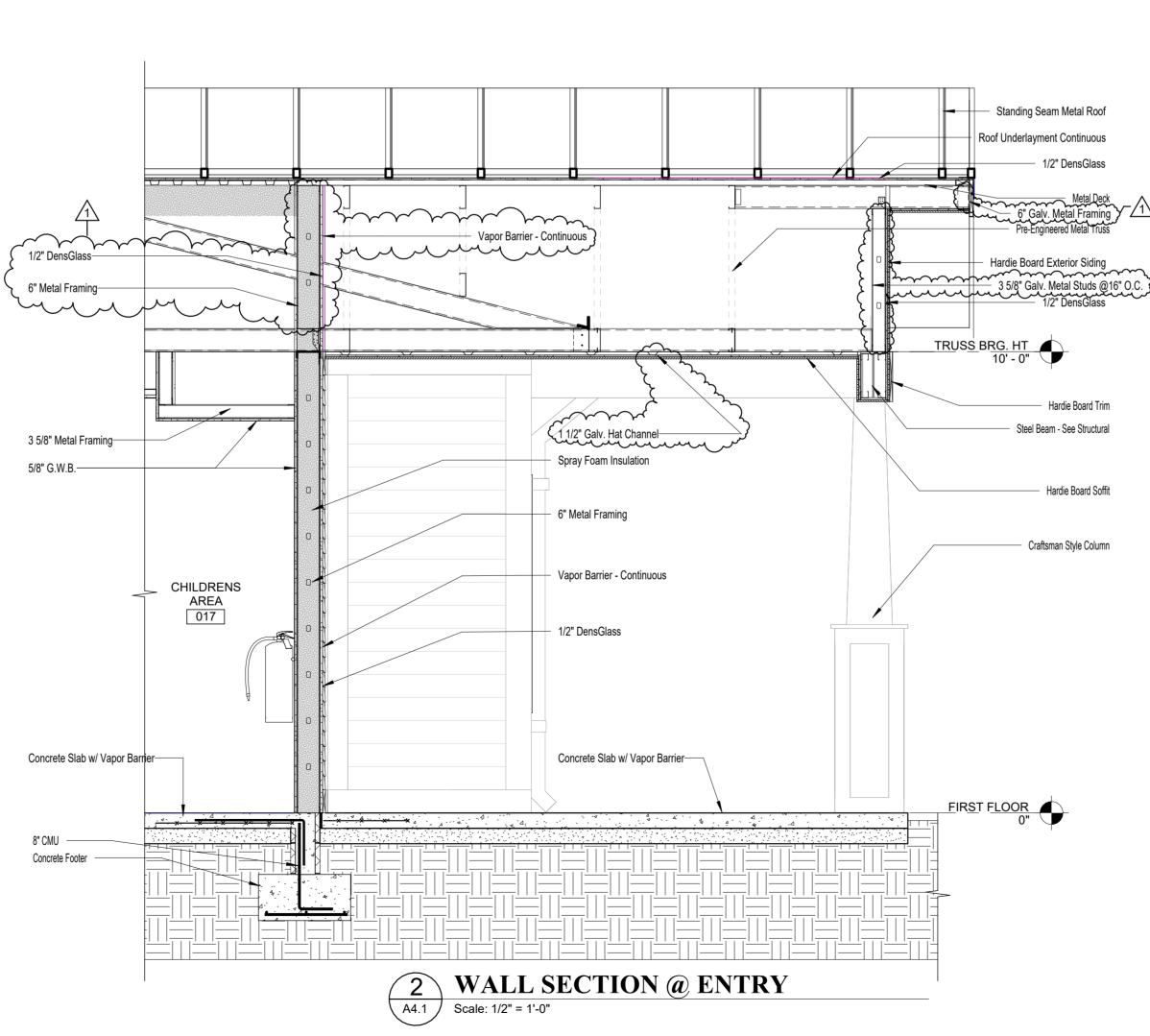
LIFE SAFETY PLAN

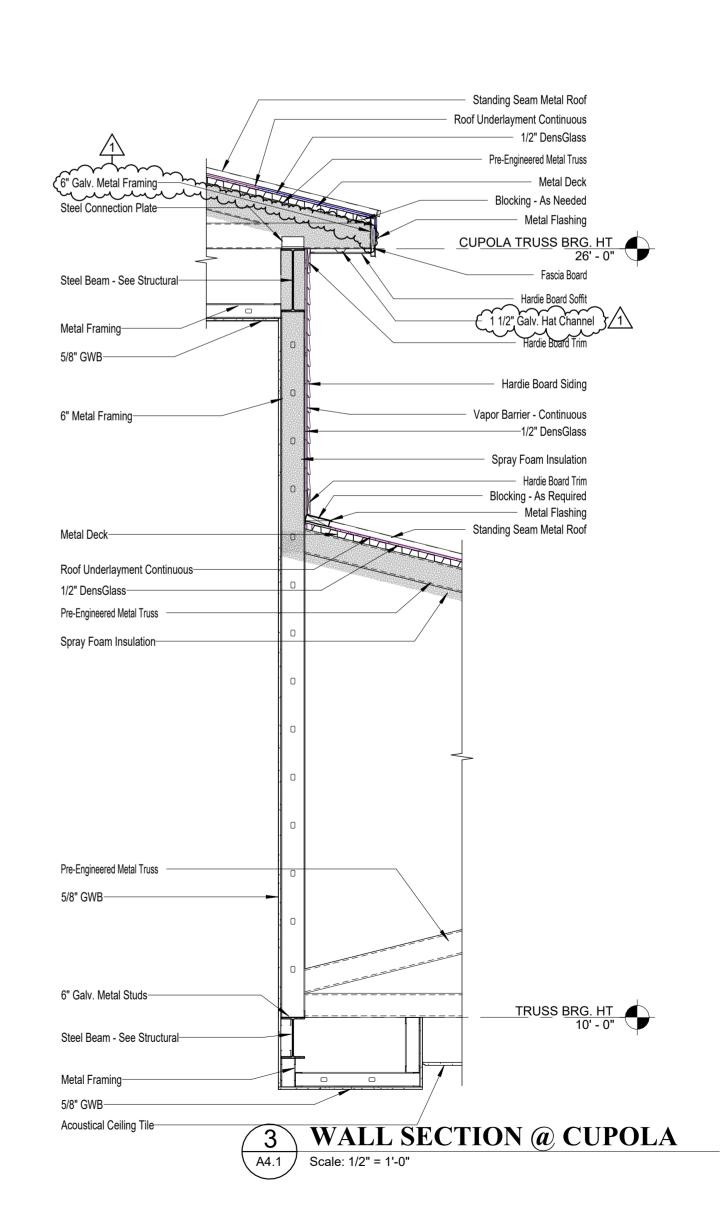
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Gregory Westmoreland Kelley AR0016706

Submittal								
Phase	Date	Drw	Chk					
100% CONSTRUCTION DOCUMEN	TS 07/21/2	5 LKD	BY					
DESIGN DEVELOPMENT	04/29/2	5 LKD	BY					
SCHEMATIC DESIGN	03/25/2	5 LKD	BY					
-	-							
-	-							
-	-							
Revis	sion							
# Description Date								

Description Date

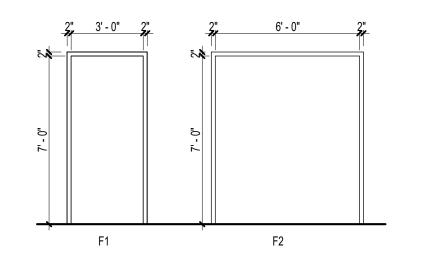
1 Addendum #3 - RFI Responses 8/28/25

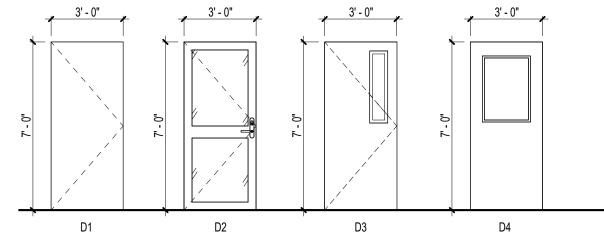
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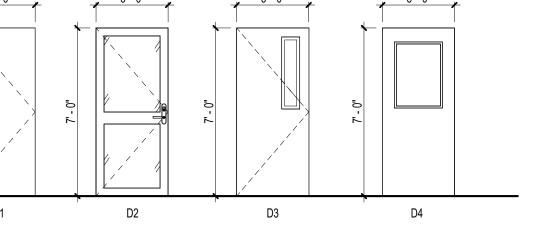
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WALL PARTITIONS & WALL SECTIONS

A4.1

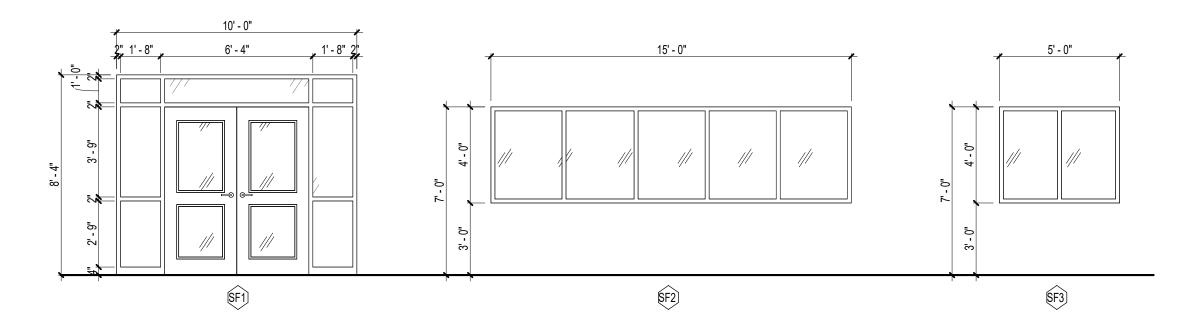






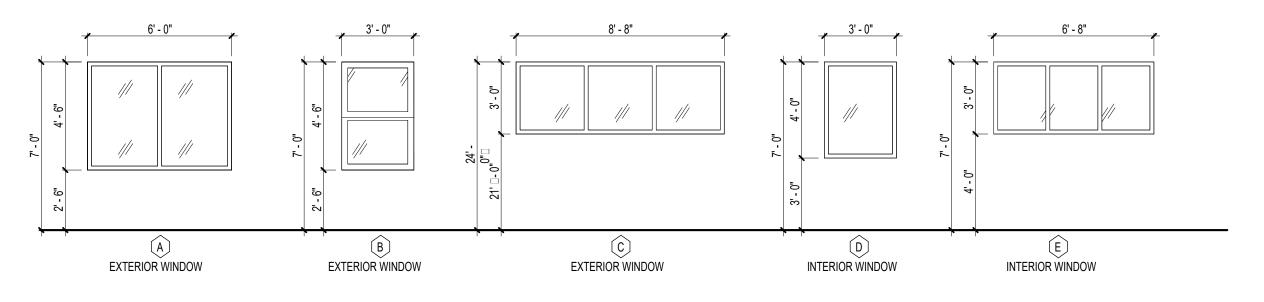
FRAME TYPES Scale: 1/4" = 1'-0"

DOOR TYPES Scale: 1/4" = 1'-0"



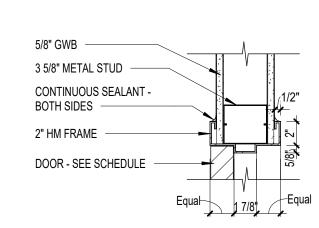
STOREFRONT ELEVATIONS

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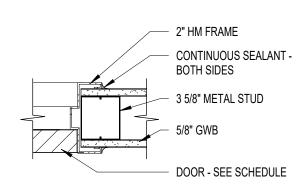


WINDOW TYPES

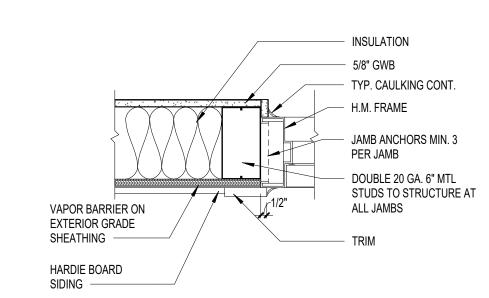
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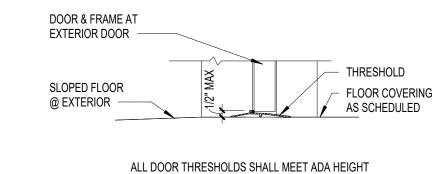
1\ INTERIOR DOOR-HEAD DETAIL A7.1 Scale: 1 1/2" = 1'-0"



2 INTERIOR DOOR-JAMB DETAIL Scale: 1 1/2" = 1'-0"

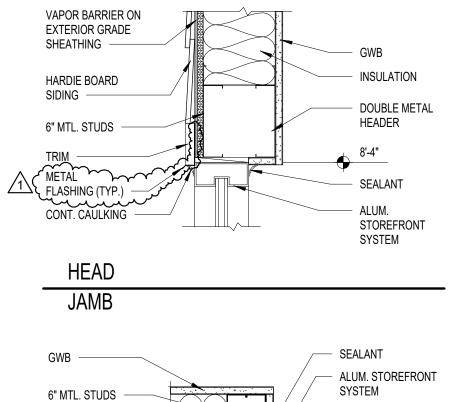


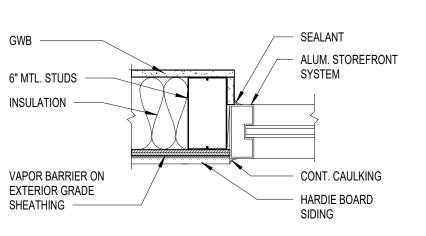
3 EXT. HM DOOR FRAME DETAIL



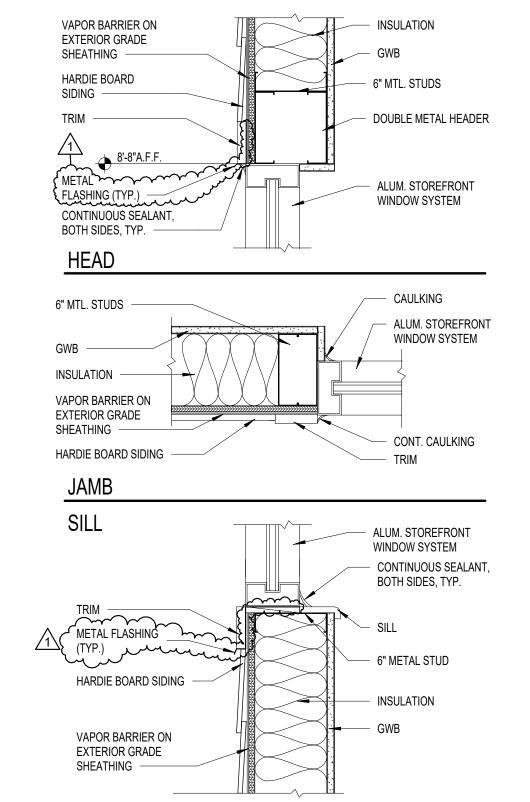
REQUIREMENT 1/2" MAXIMUM.











EXT. WINDOW HEAD/JAMB/SILL A7.1 Scale: 1 1/2" = 1'-0"

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Clemons, Rutherford, & Associates, Inc.

Architects Planners **Interior Designers** Construction Managers 2027 Thomasville Road Tallahassee, Florida 32308

phone 850-385-6153 fax 850-386-8420 cra@craarchitects.com

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Submittal Date Drw Chk 00% CONSTRUCTION DOCUMENTS | 07/21/25 | LKD | BY 04/29/25 LKD BY DESIGN DEVELOPMENT 03/25/25 LKD BY SCHEMATIC DESIGN Revision

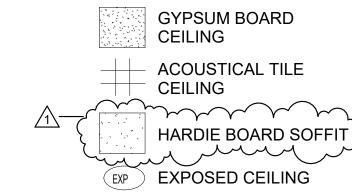
Description Addendum #3 - RFI Responses | 8/28/25 CRA Project #___ **24071**

100% CONSTRUCTION DOCUMENTS

DOOR & WINDOW ELEV. **SCHEDULE**

A7.1

CEILING PLAN LEGEND



CEILING HEIGHT
PULLED FROM

THE END OF LINE

GENERAL NOTE: CEILING HEIGHT 9'-0" UNLESS NOTED OTHERWISE WAKULLA COUNTY BOCC

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Acoustical Ceiling Tile

5/8" GWB

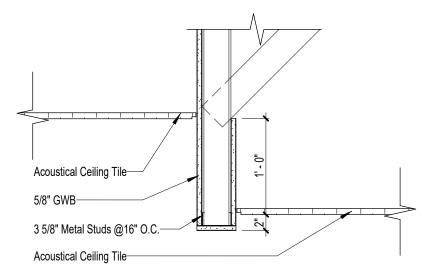
BRACING (AS NEEDED)

Acoustical Ceiling Tile

3 5/8" Metal Studs @16" O.C.

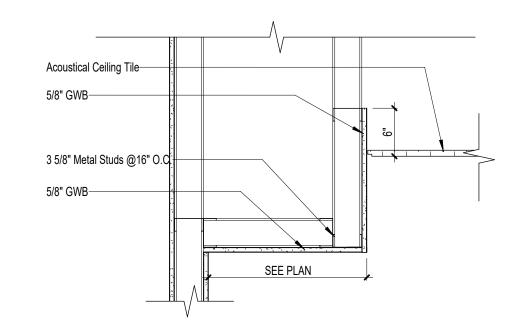
5/8" GWB

3 RCP DETAIL A8.1 Scale: 1" = 1'-0"



4 RCP DETAIL

A8.1 Scale: 1" = 1'-0"



5 RCP DETAIL

Scale: 1" = 1'-0"

Submittal								
Phase	Date	Drw	Chk					
100% CONSTRUCTION DOCUMENTS	07/21/25	LKD	BY					
DESIGN DEVELOPMENT	04/29/25	LKD	BY					
SCHEMATIC DESIGN	03/25/25	LKD	BY					
-	-							
-	-							

 Revision

 #
 Description
 Date

 1
 Addendum #3 - RFI Responses
 8/28/25

7 Addendam #3 Tel Presponses 67

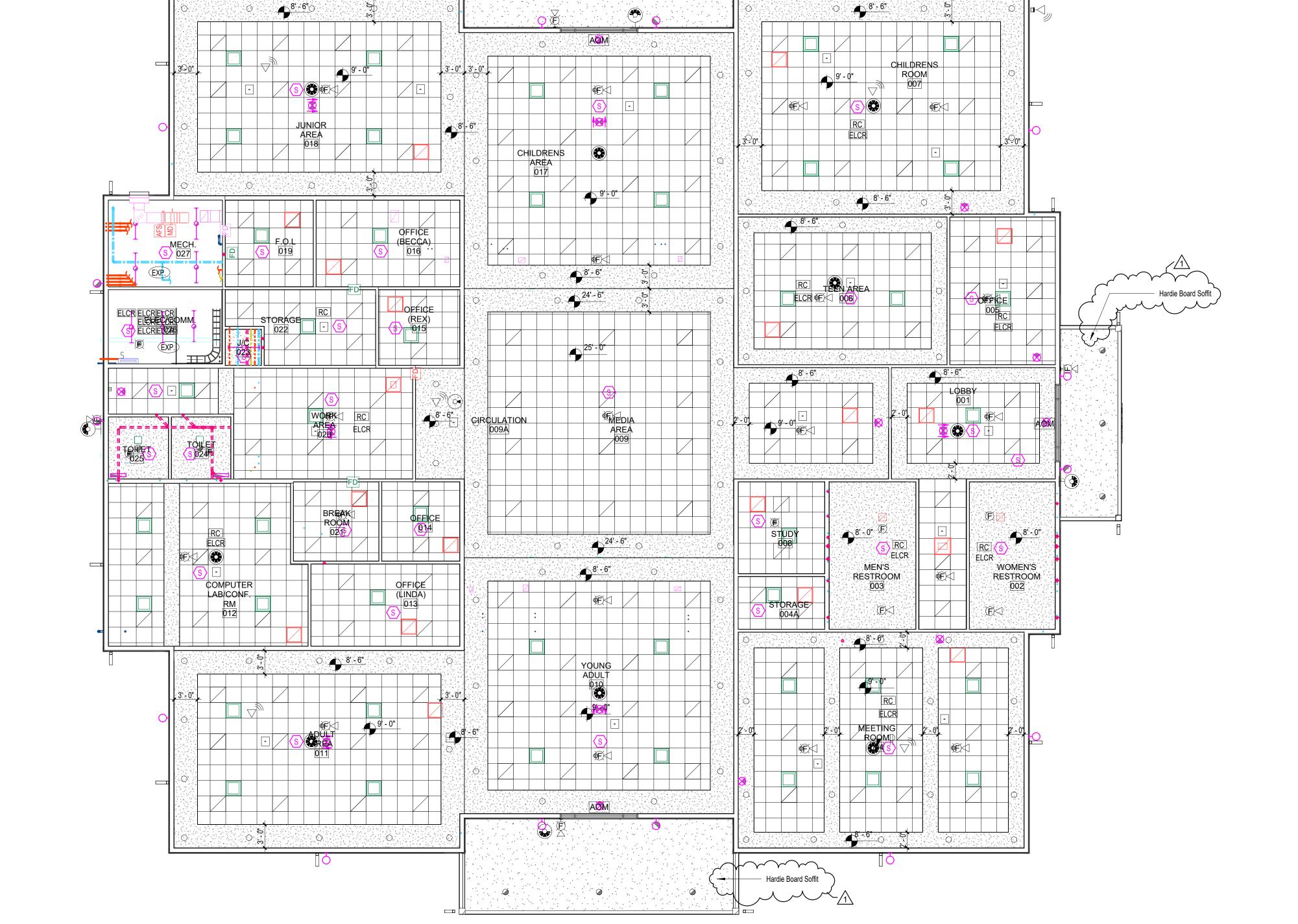
CRA Project # 24071

Phase: 100% CONSTRUCTION

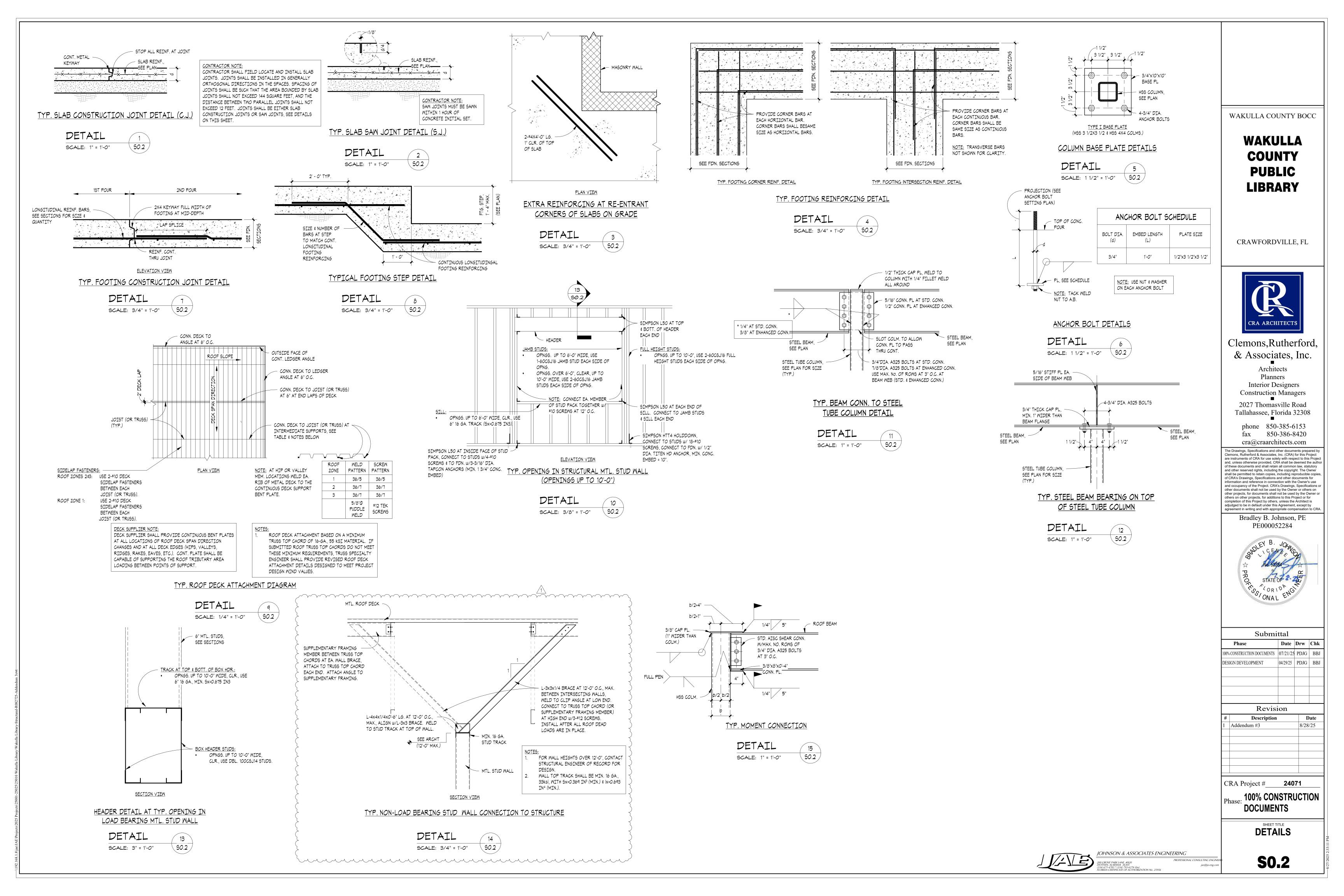
DOCUMENTS

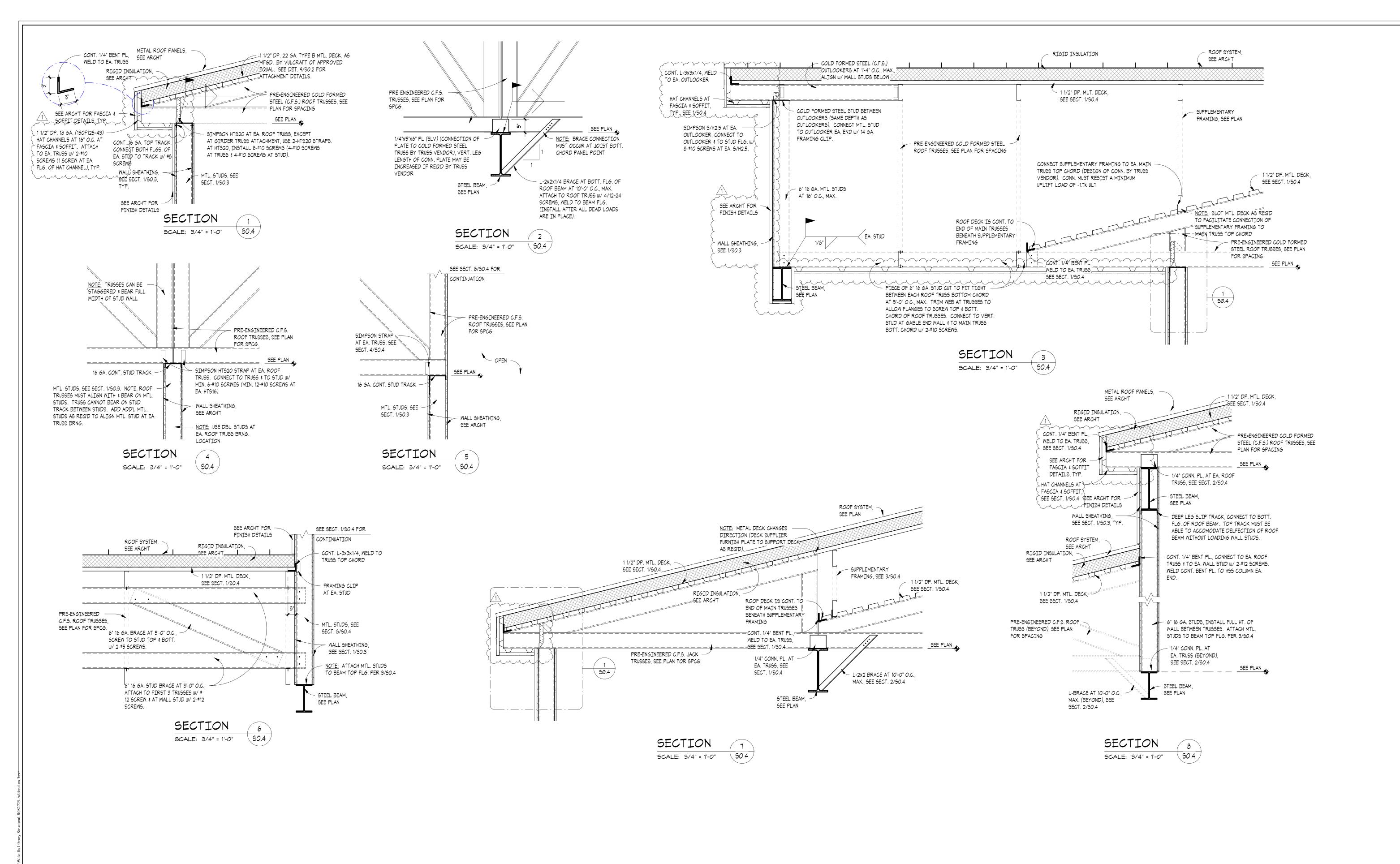
REFLECTED CEILING PLAN

A8.1









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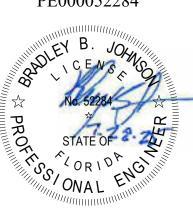
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Bradley B. Johnson, PE PE000052284



SubmittalPhaseDateDrwChk100% CONSTRUCTION DOCUMENTS07/21/25PDJGBBJDESIGN DEVELOPMENT04/29/25PDJGBBJ

Revision

Description I

Addendum #3 8/28/25

CRA Project # **24071**Phase: **100% CONSTRUCTION**

DOCUMENTS

SECTIONS

S0.4

JOHNSON & ASSOCIATES ENGINEERING

CIRCUL	LATOR PUMPS		
DESIGNATION	I		C-1
	SERVICE		DHW
	CAPACITY	GPM	4
	TOTAL DYNAMIC HEAD	FT.	27
	SHUT-OFF HEAD	FT.	35
	PUMP SEAL		MECHANICAL
	MOTOR SPEED	RPM	3,250
	MOTOR HORSEPOWER	HP	1/8
	MOTOR WINDING		FULL
	ELECTRICAL CHARACTERISTICS	V / PH	120 / 1
	NOTES		1
MANUFACTUR	RER	-	TACO
MODEL NUMBI	ER		009-SF5
DETAIL REFER	RENCE		C/P501

CONTRACTOR AND INSTALL PER MANUFACTURER INSTRUCTIONS.

PLUMBING FIXTURE SCHEDULE

FIXTURE					ROUGH-IN PIPE SIZES					ACCESSORIES
DESIGNATION	FIXTURE DESCRIPTION	A.D.A. COMPLIANT	MOUNTING METHOD	HEIGHT (A.F.F.)	COLD WATER SUPPLY	HOT WATER SUPPLY	FIXTURE TRAP	FIXTURE DRAIN	MANUFACTURER AND MODEL NUMBER	(SEE SCHEDULE)
WC-5	TANK TYPE WATER CLOSET, STANDARD FLOW (1.6 GPF), VITREOUS CHINA, PRESSURE ASSISTED SIPHON JET FLUSHING ACTION, ELONGATED RIM, 1-1/2" TOP SPUD, MIN. 2" BALLPASS TRAPWAY, WITH CHINA BOLT CAPS AND BEESWAX GASKET. COLOR: WHITE.	YES	FLOOR	RIM: 16-1/2"	1/2"	N/A	4"	4"	AMERICAN STANDARD: 2467.016 OR APPROVED EQUAL	SEAT, OPN FRT
WC-6	TANK TYPE WATER CLOSET, STANDARD FLOW (1.6 GPF), VITREOUS CHINA, PRESSURE ASSISTED SIPHON JET FLUSHING ACTION, ELONGATED RIM, 1-1/2" TOP SPUD, MIN. 2" BALLPASS TRAPWAY, WITH CHINA BOLT CAPS AND BEESWAX GASKET. COLOR: WHITE.	NO	FLOOR	RIM: 15"	1/2"	N/A	4"	4"	AMERICAN STANDARD: 2462.016 OR APPROVED EQUAL	SEAT-OPH-FRT
UR-1	FLUSH VALVE URINAL, ULTRA HIGH EFFICIENCY (0.125 - 1.0 GPF), VITREOUS CHINA, WASHOUT FLUSHING ACTION, 3/4" TOP SPUD. COLOR: WHITE.	YES	WALL	RIM: 17"	3/4"	N/A	2"	2"	AMERICAN STANDARD: 6590.001 OR APPROVED EQUAL	FV-0.125-MAN
LV-1	LAVATORY, 20"x18", VITREOUS CHINA,3 FAUCET HOLES (ONE CENTERED, TWO 4" OFF CENTER), ANTI-SPLASH RIM AND HIGH BACK. COLOR: WHITE.	YES	WALL	RIM: 34"	1/2"	N/A	1-1/4"	2"	AMERICAN STANDARD: 0355.012 OR APPROVED EQUAL	FCT-LV-0.5-AUTO-B DR-LV-C TR-LV
LV-5	LAVATORY, 20"x17" OVAL, VITREOUS CHINA, 3 FAUCET HOLES (ONE CENTERED, TWO 4" OFF CENTER), SELF-RIMMING. COLOR: WHITE.	YES	COUNTER TOP	SEE ARCH. PLANS	1/2"	N/A	1-1/4"	2"	AMERICAN STANDARD: 0440.444.EC OR APPROVED EQUAL	FCT-LV-0.5-AUTO-B DR-LV-C TR-LV
SK-2	SINGLE COMPARTMENT SINK, SELF-RIMMING, 22"x19-1/2", 18"x14"x10-1/8" DEEP BOWL, 18 GAUGE TYPE 304 STAINLESS STEEL, 4 FAUCET HOLES (ONE CENTERED, TWO 4" FROM CENTER, ONE 8" FROM CENTER), SOUND DEADENING COATING ON BOTTOM OF SINK.	NO	COUNTER TOP	SEE ARCH. PLANS	1/2"	1/2"	1-1/2"	2"	ELKAY: DLR221910-4 OR APPROVED EQUAL	FCT-SK-1.5-GEN-SPRAY DR-SK-STD TR-SK-STD
MSB-2	MOP SERVICE SINK BASIN, 24"L x 24"W x 12"H, WITH 2" WIDE SHOULDERS, 1/4" PITCH TOWARD INSIDE, PRECAST TERRAZZO (MINIMUM 3,000 PSI @ 7 DAYS), SURFACE GROUND AND POLISHED WITH ALL HOLES AND PITS GROUTED AND WITH EXCESS REMOVED. COLOR: BLACK & WHITE MARBLE CHIPS IN GRAY PORTLAND CEMENT.	NO	FLOOR		1/2"	1/2"	3"	3"	FIAT: TSB-200 OR APPROVED EQUAL	FCT-MSB RMGD-MSB HOSE-MSB HGR-MSB
IMB	ICE MAKER HOOK-UP BOX, 20 GAUGE STEEL, WHITE POWDER-COATED, ALL WELDED WATER TIGHT CONSTRUCTION, COLD WATER SUPPLY VALVE WITH 1/2" COPPER SWEAT INLET AND 1/4" COMPRESSION OUTLET AND WATER HAMMER ARRESTER.	N/A	WALL RECESSED		1/2"	N/A	N/A	N/A	GUY GRAY: MIB1HAAB OR APPROVED EQUAL	
EWC-21	ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION, FILTERED, BARRIER-FREE, TYPE 304 STAINLESS STEEL BASIN, BRUSHED FINISH, VANDAL-RESISTANT BUBBLER, STAINLESS STEEL CABINET AND CANE APRON, LEAD-FREE WATERWAYS, SELF CONTAINED SYSTEM (R-134A REFRIGERANT) DELIVERS MIN. 8 GPH OF 50°F WATER @ 80°F. INLET WATER AND 90°F AMBIENT AIR, 120V/1PH. BOTTLE FILLING STATION: ELECTRONIC SENSOR ACTIVATED WITH AUTOMATIC 20-SECOND SHUT-OFF TIMER AND BOTTLE COUNTER. DELIVERS MIN. 1 GPM FLOW RATE WITH LAMINAR FLOW. ANTI-MICROBIAL PLASTIC COMPONENTS.	YES	WALL SURFACE	SPOUT: 38" / 32"	1/2"	N/A	1-1/4"	2"	ELKAY: LZSTLG8WSSK OR APPROVED EQUAL	

NOTES:

- SUPPLY STOPS: CHROME-PLATED-BRASS, ONE-QUARTER TURN, BALL-TYPE OR COMPRESSION VALVE WITH INLET MATCHING SUPPLY PIPING.
- FLEXIBLE CONNECTIONS: ASME A112.18.6 BRAIDED- OR CORRUGATED-STAINLESS STEEL, FLEXIBLE HOSE RISER.
- 3 SUPPORT CARRIERS: ASME A112.6.1M TYPE 1 (URINALS) OR TYPE 2 (CONCEALED ARM FOR LAVATORIES) WITH RECTANGULAR STEEL UPRIGHTS, COUPLING, SEAL, AND MOUNTING HARDWARE.
- A.D.A. LAVATORIES & SINKS: PROTECT DRAIN AND SUPPLY LINES WITH "TRAP WRAP" OR APPROVED EQUAL.
- EXTRA MAINTENANCE MATERIALS: FURNISH TWO (2) FLUSHOMETER-VALVE REPAIR KITS FOR EACH TYPE OF FLUSHOMETER VALVE INSTALLED.

DESIGNATION	DESIGNATION					
	APPLICATION		MED / LOW			
	SET-POINT	°F	110			
	MINIMUM FLOW	GPM	0.5			
	MAXIMUM FLOW	GPM	10			
	PRESSURE DROP @ MAX FLOW	PSI	10			
	RECIRCULATED SYSTEM		YES			
	ASSE COMPLIANCE		1017			
MANUFACTUR	ER	,	LAWLER			
MODEL NUMBER						
DETAIL REFERENCE						

DESIGNATIO	DN		WH-1
	STORAGE	GAL	30
	HEATING ELEMENT INPUT (EACH)	kW	6.0
	NUMBER OF ELEMENTS	#	2
	SIMULTANEOUS OPERATION OF ELEMENTS		NO
	TOTAL HEATING INPUT	kW	6.0
	ENTERING WATER TEMPERATURE	°F	60
	LEAVING WATER TEMPERATURE	°F	140
	TEMPERATURE RISE	°F	80
	RECOVERY RATE	GPH	31
	ELECTRICAL CHARACTERISTICS	V / PH	208 / 1
MANUFACTU	URER		A.O. SMITH
MODEL NUM	/BER		DEN-30
DETAIL REFI	ERENCE		C/P501

FIXTURE UNIT CALCULATIONS

			WASTE		SUPPLY							
FIXTURE TYPE		QUANTITY	VVA	OIE	COLD		HOT		TOTAL			
			UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL		
	DRINKING FOUNTAIN	1	0.5	0.5	0.25	0.25			0.25	0.25		
	LAVATORY (COLD WATER)	8	1	8	2	16			2	16		
	SINK	1	2	2	2	2	2	2	3	3		
	MOP SERVICE BASIN	1	2	2	2.25	2.25	2.25	2.25	3	3		
	URINAL (3/4" VALVE)	1	4	4	5	5			5	5		
	WATER CLOSET (TANK)	7	3	21	2	14			2	14		
	HOSE BIBB / WALL HYDRANT	8			4	32			4	32		
	FLOOR DRAIN	5	2	10								
	REFRIGERATOR / ICE MAKER	1			1	1			1	1		
OTAL FIXTURE UNITS				48		73		4		74		
OMESTIC WATER DEMAND (GPM)					35.8		5.5		36.3			

H2E PROJECT No.24092

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 Submittal

 Phase
 Date
 Drw
 Chk

 100% CDs
 7/21/25
 FPH
 MPP

Revision

Description

Addendum 3

Date

8/28/25

CRA Project #______ **24071**

Phase: 100% CONSTRUCTION

SCHEDULES

DOCUMENTS

P401